

SCORE Search Results Details for Application 10520296 and Search Result 20080731_165449_us-10-520-296-4.oligo.ra1.

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This page gives you Search Results detail for the Application 10520296 and Search Result 20080731_165449_us-10-520-296-4.oligo.ra1.

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OM protein - protein search, using sw model

Run on: July 31, 2008, 17:14:56 ; Search time 27 Seconds
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47.718 Million cell updates/sec

Title: US-10-520-296-4
Perfect score: 7
Sequence: 1 ASSTDWS 7

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 1143754 seqs, 186252778 residues

Word size : 1

Total number of hits satisfying chosen parameters: 1093292

Minimum DB seq length: 0
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Post-processing: Listing first 45 summaries

Database : Issued Patents_AA:*
1: /ABSS/Data/CRF/ptodata/1/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/1/iaa/6_COMB.pep:*
3: /ABSS/Data/CRF/ptodata/1/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*
5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	6	85.7	547	2	US-10-094-749-2617	Sequence 2617, Ap
2	5	71.4	15	2	US-09-069-827A-96	Sequence 96, Appl
3	5	71.4	39	2	US-08-630-915A-104	Sequence 104, App
4	5	71.4	39	2	US-09-879-957-104	Sequence 104, App
5	5	71.4	39	3	US-10-807-856-104	Sequence 104, App
6	5	71.4	50	1	US-08-117-952-778	Sequence 778, App
7	5	71.4	55	2	US-09-732-210-927	Sequence 927, App
8	5	71.4	55	3	US-10-421-684B-927	Sequence 927, App
9	5	71.4	73	3	US-10-703-032-150035	Sequence 150035,

10	5	71.4	86	2	US-09-513-999C-5099	Sequence 5099, Ap
11	5	71.4	86	3	US-10-793-479-5099	Sequence 5099, Ap
12	5	71.4	92	3	US-10-703-032-125820	Sequence 125820, Ap
13	5	71.4	96	2	US-09-583-110-3328	Sequence 3328, Ap
14	5	71.4	96	3	US-11-028-099A-3328	Sequence 3328, Ap
15	5	71.4	96	3	US-11-028-291A-3328	Sequence 3328, Ap
16	5	71.4	96	3	US-11-027-878A-3328	Sequence 3328, Ap
17	5	71.4	96	3	US-11-027-399-3328	Sequence 3328, Ap
18	5	71.4	96	3	US-11-027-877A-3328	Sequence 3328, Ap
19	5	71.4	96	3	US-11-027-891A-3328	Sequence 3328, Ap
20	5	71.4	96	3	US-11-028-457A-3328	Sequence 3328, Ap
21	5	71.4	96	3	US-11-027-843A-3328	Sequence 3328, Ap
22	5	71.4	96	3	US-11-027-802A-3328	Sequence 3328, Ap
23	5	71.4	96	3	US-11-027-879A-3328	Sequence 3328, Ap
24	5	71.4	96	3	US-11-028-149A-3328	Sequence 3328, Ap
25	5	71.4	96	3	US-11-028-169A-3328	Sequence 3328, Ap
26	5	71.4	96	3	US-11-028-204-3328	Sequence 3328, Ap
27	5	71.4	96	3	US-11-028-197A-3328	Sequence 3328, Ap
28	5	71.4	97	3	US-10-703-032-168809	Sequence 168809, Ap
29	5	71.4	98	3	US-10-703-032-207947	Sequence 207947, Ap
30	5	71.4	101	3	US-10-703-032-131919	Sequence 131919, Ap
31	5	71.4	112	2	US-09-252-991A-26083	Sequence 26083, A
32	5	71.4	115	2	US-09-270-767-31768	Sequence 31768, A
33	5	71.4	115	2	US-09-270-767-46985	Sequence 46985, A
34	5	71.4	120	3	US-10-703-032-155705	Sequence 155705, A
35	5	71.4	124	3	US-10-703-032-112189	Sequence 112189, A
36	5	71.4	125	3	US-10-703-032-148609	Sequence 148609, A
37	5	71.4	125	3	US-10-703-032-184066	Sequence 184066, A
38	5	71.4	145	2	US-09-270-767-61915	Sequence 61915, A
39	5	71.4	146	2	US-09-270-767-37382	Sequence 37382, A
40	5	71.4	146	2	US-09-270-767-52599	Sequence 52599, A
41	5	71.4	149	3	US-10-703-032-134369	Sequence 134369, A
42	5	71.4	158	2	US-09-543-681A-7445	Sequence 7445, Ap
43	5	71.4	166	3	US-10-703-032-107327	Sequence 107327, Ap
44	5	71.4	168	2	US-09-602-777A-88	Sequence 88, Appl
45	5	71.4	173	3	US-10-703-032-188915	Sequence 188915, Ap

ALIGNMENTS

RESULT 1

US-10-094-749-2617
 ; Sequence 2617, Application US/10094749
 ; Patent No. 6979557
 ; GENERAL INFORMATION:
 ; APPLICANT: ISOGAI, TAKAO
 ; APPLICANT: SUGIYAMA, TOMOYASU
 ; APPLICANT: OTSUKI, TETSUJI
 ; APPLICANT: WAKAMATSU, AI
 ; APPLICANT: SATO, HIROYUKI
 ; APPLICANT: ISHII, SHIZUKO
 ; APPLICANT: YAMAMOTO, JUN-ICHI
 ; APPLICANT: ISONO, YUUKO
 ; APPLICANT: HIO, YURI
 ; APPLICANT: OTSUKA, KAORU
 ; APPLICANT: NAGAI, KEIICHI
 ; APPLICANT: IRIE, RYOTARO
 ; APPLICANT: TAMECHIKA, ICHIRO
 ; APPLICANT: SEKI, NAOHICO
 ; APPLICANT: YOSHIKAWA, TSUTOMU
 ; APPLICANT: OTSUKA, MOTOUYUKI
 ; APPLICANT: NAGAHARI, KENJI
 ; APPLICANT: MASUHO, YASUHIKO
 ; TITLE OF INVENTION: NOVEL FULL-LENGTH cDNA
 ; FILE REFERENCE: 084335/0160
 ; CURRENT APPLICATION NUMBER: US/10/094,749
 ; CURRENT FILING DATE: 2002-03-12
 ; PRIOR APPLICATION NUMBER: 60/350,435
 ; PRIOR FILING DATE: 2002-01-24
 ; PRIOR APPLICATION NUMBER: JP 2001-328381
 ; PRIOR FILING DATE: 2001-09-14
 ; NUMBER OF SEQ ID NOS: 3381
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2617
 ; LENGTH: 547

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-094-749-2617

Query Match      85.7%; Score 6; DB 2; Length 547;
Best Local Similarity 100.0%; Pred. No. 52;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Gy      1 ASSTDW 6
      |||||
Db      375 ASSTDW 380

```

RESULT 2

```

US-09-069-827A-96
; Sequence 96, Application US/09069827A
; Patent No. 6617114
; GENERAL INFORMATION:
;   APPLICANT: FOWLKES, Dana M
;             KAY, Brian K
;             FRELINGER, Jeffrey A
;             HYDE-DERUYSCHER, Robin P
;   TITLE OF INVENTION: IDENTIFICATION OF DRUGS USING
;                     COMPLEMENTARY COMBINATORIAL LIBRARIES
;   NUMBER OF SEQUENCES: 178
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
;     STREET: 624 Ninth Street N.W., Suite 300
;     CITY: Washington
;     STATE: D.C.
;     COUNTRY: U.S.A.
;     ZIP: 20001
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/09/069,827A
;     FILING DATE: 30-Apr-1998
;     CLASSIFICATION: <Unknown>
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: US 09/050,359
;     FILING DATE: 31-MAR-1998
;     APPLICATION NUMBER: PCT/US97/19638
;     FILING DATE: 31-OCT-1997
;     APPLICATION NUMBER: US 08/740,671
;     FILING DATE: 31-OCT-1996
;   ATTORNEY/AGENT INFORMATION:
;     NAME: COOPER, Iver P
;     REGISTRATION NUMBER: 28,005
;     REFERENCE/DOCKET NUMBER: FOWLKES-4C
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (202) 628-5197
;     TELEFAX: (202) 737-3528
;   INFORMATION FOR SEQ ID NO: 96:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 15 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     MOLECULE TYPE: peptide
;     SEQUENCE DESCRIPTION: SEQ ID NO: 96:
US-09-069-827A-96

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Query Match      71.4%; Score 5; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Gy      2 SSTDW 6
      |||||
Db      2 SSTDW 6

```

RESULT 3

```

US-08-630-915A-104

```

```
; Sequence 104, Application US/08630915A
; Patent No. 6309820
; GENERAL INFORMATION:
; APPLICANT: SPARKS, Andrew B.
; APPLICANT: HOFFMAN, No. 6309820h
; APPLICANT: KAY, Brian K.
; APPLICANT: FOWLKES, Dana M.
; APPLICANT: McCONNELL, Stephen J.
; TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
; TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 227
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,915A
; FILING DATE: 03-APR-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Mlsrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 1101-174
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 39 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-630-915A-104
```

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Query Match          71.4%; Score 5; DB 2; Length 39;
Best Local Similarity 100.0%; Fred. No. 58;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

Qy      1 ASSTD 5
      |||||
Db      8 ASSTD 12
```

RESULT 4

US-09-879-957-104

```
; Sequence 104, Application US/09879957
; Patent No. 6709821
; GENERAL INFORMATION:
; APPLICANT: SPARKS, Andrew B.
; APPLICANT: HOFFMAN, No. 6709821h
; APPLICANT: KAY, Brian K.
; APPLICANT: FOWLKES, Dana M.
; APPLICANT: McCONNELL, Stephen J.
; TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
; TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 227
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
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```

;           MEDIUM TYPE: Floppy disk
;           COMPUTER: IBM PC compatible
;           OPERATING SYSTEM: PC-DOS/MS-DOS
;           SOFTWARE: PatentIn Release #1.0, Version #1.30
;           CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/879,957
;             FILING DATE: 13-Jun-2001
;             CLASSIFICATION: <Unknown>
;           PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US 08/630,915
;             FILING DATE: 03-APR-1996
;           ATTORNEY/AGENT INFORMATION:
;             NAME: Misrock, S. Leslie
;             REGISTRATION NUMBER: 18,872
;             REFERENCE/DOCKET NUMBER: 1101-174
;           TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (212) 790-9090
;             TELEFAX: (212) 869-8864/9741
;             TELEX: 66141 PENNIE
;           INFORMATION FOR SEQ ID NO: 104:
;             SEQUENCE CHARACTERISTICS:
;               LENGTH: 39 amino acids
;               TYPE: amino acid
;               STRANDEDNESS: <Unknown>
;               TOPOLOGY: unknown
;             MOLECULE TYPE: peptide
;             SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-09-879-957-104

Query Match      71.4%; Score 5; DB 2; Length 39;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 ASSTD 5
      |||||
Db      8 ASSTD 12

```

```

RESULT 5
US-10-807-856-104
; Sequence 104, Application US/10807856
; Patent No. 7223547
;   GENERAL INFORMATION:
;     APPLICANT: SPARKS, Andrew B.
;               HOFFMAN, No. 7223547h
;               KAY, Brian K.
;               FOWLKES, Dana M.
;               McCONNELL, Stephen J.
;   TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
;                       DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
;                       USING SAME
;   NUMBER OF SEQUENCES: 227
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Pennie & Edmonds LLP
;     STREET: 1155 Avenue of the Americas
;     CITY: New York
;     STATE: New York
;     COUNTRY: USA
;     ZIP: 10036-2711
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/10/807,856
;     FILING DATE: 23-Mar-2004
;     CLASSIFICATION: 536
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: US/08/630,915
;     FILING DATE: 03-APR-1996
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Misrock, S. Leslie
;     REGISTRATION NUMBER: 18,872
;     REFERENCE/DOCKET NUMBER: 1101-174
;   TELECOMMUNICATION INFORMATION:

```

```

;           TELEPHONE: (212) 790-9090
;           TELEFAX: (212) 869-8864/9741
;           TELEX: 66141 PENNIE
;   INFORMATION FOR SEQ ID NO: 104:
;       SEQUENCE CHARACTERISTICS:
;           LENGTH: 39 amino acids
;           TYPE: amino acid
;           STRANDEDNESS: <Unknown>
;           TOPOLOGY: unknown
;       MOLECULE TYPE: peptide
;       SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-10-807-856-104

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Query Match          71.4%; Score 5; DB 3; Length 39;
Best Local Similarity 100.0%; Pred. No. 58;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

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```

Qy      1 ASSTD 5
       |||||
Db      8 ASSTD 12

```

RESULT 6

```

US-08-117-952-778
; Sequence 778, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
;   APPLICANT: Evans, Glen A.
;   APPLICANT: Smith, Michael W.
;   TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
;   TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
;   NUMBER OF SEQUENCES: 797
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
;   STREET: 444 South Flower Street, Suite 2000
;   CITY: Los Angeles
;   STATE: CA
;   COUNTRY: USA
;   ZIP: 90071
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/117,952
;   FILING DATE: 07-SEP-1993
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/078,471
;   FILING DATE: 15-JUN-1993
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Reiter, Stephen E.
;   REGISTRATION NUMBER: 31,192
;   REFERENCE/DOCKET NUMBER: P41 9423
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 619-546-4737
;   TELEFAX: 619-546-9392
;   INFORMATION FOR SEQ ID NO: 778:
;       SEQUENCE CHARACTERISTICS:
;           LENGTH: 50 amino acids
;           TYPE: amino acid
;           TOPOLOGY: unknown
;           MOLECULE TYPE: protein
;           FRAGMENT TYPE: internal
US-08-117-952-778

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Query Match          71.4%; Score 5; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 74;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

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Qy      1 ASSTD 5
       |||||
Db     35 ASSTD 39

```

RESULT 7

US-09-732-210-927
 ; Sequence 927, Application US/09732210
 ; Patent No. 6573361
 ; GENERAL INFORMATION:
 ; APPLICANT: Bunkers, Greg J.
 ; APPLICANT: Liang, Jihong
 ; APPLICANT: Mittanck, Cindy A.
 ; APPLICANT: Seale, Jeffrey W.
 ; APPLICANT: Wu, Yennie S.
 ; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
 ; FILE REFERENCE: 38-21(15036)B
 ; CURRENT APPLICATION NUMBER: US/09/732,210
 ; CURRENT FILING DATE: 2000-12-07
 ; PRIOR APPLICATION NUMBER: US 60/169,513
 ; PRIOR FILING DATE: 1999-12-07
 ; PRIOR APPLICATION NUMBER: US 60/169,340
 ; PRIOR FILING DATE: 1999-12-07
 ; NUMBER OF SEQ ID NOS: 1753
 ; SEQ ID NO 927
 ; LENGTH: 55
 ; TYPE: PRT
 ; ORGANISM: Mycobacterium tuberculosis
 US-09-732-210-927

Query Match	71.4%;	Score 5;	DB 2;	Length 55;
Best Local Similarity	100.0%;	Pred. No. 81;		
Matches	5;	Conservative	0;	Mismatches 0; Indels 0; Gaps 0;

Qy	1 ASSTD 5
Db	2 ASSTD 6

RESULT 8

US-10-421-684B-927
 ; Sequence 927, Application US/10421684B
 ; Patent No. 7332596
 ; GENERAL INFORMATION:
 ; APPLICANT: Bunkers, Greg J.
 ; APPLICANT: Liang, Jihong
 ; APPLICANT: Mittanck, Cindy A.
 ; APPLICANT: Seale, Jeffrey W.
 ; APPLICANT: Wu, Yennie S.
 ; TITLE OF INVENTION: Anti-fungal Proteins and Methods for Their Use
 ; FILE REFERENCE: 38-21(15036)C
 ; CURRENT APPLICATION NUMBER: US/10/421,684B
 ; CURRENT FILING DATE: 2003-04-23
 ; PRIOR APPLICATION NUMBER: US 09/732,210
 ; PRIOR FILING DATE: 2000-12-07
 ; PRIOR APPLICATION NUMBER: US 60/169,513
 ; PRIOR FILING DATE: 1999-12-07
 ; PRIOR APPLICATION NUMBER: US 60/169,340
 ; PRIOR FILING DATE: 1999-12-07
 ; NUMBER OF SEQ ID NOS: 1754
 ; SOFTWARE: PatentIn v 3.3
 ; SEQ ID NO 927
 ; LENGTH: 55
 ; TYPE: PRT
 ; ORGANISM: Mycobacterium tuberculosis
 US-10-421-684B-927

Query Match	71.4%;	Score 5;	DB 3;	Length 55;
Best Local Similarity	100.0%;	Pred. No. 81;		
Matches	5;	Conservative	0;	Mismatches 0; Indels 0; Gaps 0;

Qy	1 ASSTD 5
Db	2 ASSTD 6

RESULT 9

US-10-703-032-150035
 ; Sequence 150035, Application US/10703032
 ; Patent No. 7214786
 ; GENERAL INFORMATION:

```

; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 150035
; LENGTH: 73
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(73)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_44453.pep
US-10-703-032-150035

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Query Match          71.4%; Score 5; DB 3; Length 73;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      1 ASSTD 5
      |||||
Db      11 ASSTD 15

```

RESULT 10

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US-09-513-999C-5099
; Sequence 5099, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 5099
; LENGTH: 86
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 64
; OTHER INFORMATION: Xaa=Ala or Asp or Glu or Gly or Ile or Lys or Met or Asn or Arg or Ser or Thr or Val
US-09-513-999C-5099

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Query Match          71.4%; Score 5; DB 2; Length 86;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches      5; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      3 STDWS 7
      |||||
Db      10 STDWS 14

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RESULT 11

```

US-10-793-479-5099
; Sequence 5099, Application US/10793479
; Patent No. 7115416

```



```

; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 7115416
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/10/793,479
; CURRENT FILING DATE: 2004-03-03
; PRIOR APPLICATION NUMBER: US/09/513,999
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 5099
; LENGTH: 86
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 64
; OTHER INFORMATION: Xaa=Ala or Asp or Glu or Gly or Ile or Lys or Met or Asn or Arg or Ser or Thr or Val
US-10-793-479-5099

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Query Match          71.4%; Score 5; DB 3; Length 86;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches      5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      3 STDWS 7
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Db      10 STDWS 14

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RESULT 12

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US-10-703-032-125820
; Sequence 125820, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 125820
; LENGTH: 92
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(92)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_20238.pep
US-10-703-032-125820

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Query Match          71.4%; Score 5; DB 3; Length 92;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches      5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 ASSTD 5
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Db      8 ASSTD 12

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RESULT 13

US-09-583-110-3328
 ; Sequence 3328, Application US/09583110
 ; Patent No. 6699703
 ; GENERAL INFORMATION:
 ; APPLICANT: Lynn Doucette-Stamm et al.
 ; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
 ; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
 ; FILE REFERENCE: PAT00-07A
 ; CURRENT APPLICATION NUMBER: US/09/583,110
 ; CURRENT FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/107,433
 ; PRIOR FILING DATE: 1998-06-30
 ; PRIOR APPLICATION NUMBER: US 60/085,131
 ; PRIOR FILING DATE: 1998-05-12
 ; PRIOR APPLICATION NUMBER: US 60/051,553
 ; PRIOR FILING DATE: 1997-07-02
 ; NUMBER OF SEQ ID NOS: 5322
 ; SEQ ID NO 3328
 ; LENGTH: 96
 ; TYPE: PRT
 ; ORGANISM: Streptococcus pneumoniae

US-09-583-110-3328

Query Match 71.4%; Score 5; DB 2; Length 96;
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ASSTD 5
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 Db 12 ASSTD 16

RESULT 14

US-11-028-099A-3328
 ; Sequence 3328, Application US/11028099A
 ; Patent No. 7074914
 ; GENERAL INFORMATION:
 ; APPLICANT: Doucette-Stamm, Lynn
 ; APPLICANT: Bush, David
 ; APPLICANT: Zeng, Qiangdong
 ; APPLICANT: Opperman, Timothy
 ; APPLICANT: Houseweart, Chad Eric
 ; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
 ; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
 ; FILE REFERENCE: 3687.1000-019
 ; CURRENT APPLICATION NUMBER: US/11/028,099A
 ; CURRENT FILING DATE: 2004-12-30
 ; PRIOR APPLICATION NUMBER: US 10/640,833
 ; PRIOR FILING DATE: 2003-08-14
 ; PRIOR APPLICATION NUMBER: US 09/583,110
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/107,433
 ; PRIOR FILING DATE: 1998-06-30
 ; PRIOR APPLICATION NUMBER: US 60/085,131
 ; PRIOR FILING DATE: 1998-05-12
 ; PRIOR APPLICATION NUMBER: US 60/051,553
 ; PRIOR FILING DATE: 1997-07-02
 ; NUMBER OF SEQ ID NOS: 5324
 ; SEQ ID NO 3328
 ; LENGTH: 96
 ; TYPE: PRT
 ; ORGANISM: Streptococcus pneumoniae

US-11-028-099A-3328

Query Match 71.4%; Score 5; DB 3; Length 96;
 Best Local Similarity 100.0%; Pred. No. 1.4e+02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ASSTD 5
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 Db 12 ASSTD 16

RESULT 15

US-11-028-291A-3328
 ; Sequence 3328, Application US/11028291A

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; Patent No. 7081530
; GENERAL INFORMATION:
; APPLICANT: Doucette-Stamm, Lynn
; APPLICANT: Bush, David
; APPLICANT: Zeng, Qilandong
; APPLICANT: Opperman, Timothy
; APPLICANT: Housekerr, Chad Eric
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: 3687.1000-014
; CURRENT APPLICATION NUMBER: US/11/028,291A
; CURRENT FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US 10/640,833
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US 09/583,110
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5324
; SEQ ID NO 3328
; LENGTH: 96
; TYPE: PRN
; ORGANISM: Streptococcus pneumoniae
US-11-028-291A-3328

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Query Match          71.4%; Score 5; DB 3; Length 96;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches    5; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

Qy          1 ASSTD 5
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Db          12 ASSTD 16

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Search completed: July 31, 2008, 17:17:19
Job time : 34.3226 secs

SCORE 3.0